



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/828,828

DATE: 09/01/2004

TIME: 12:53:28

Input Set : N:\Crf3\RULE60\10828828.raw  
 Output Set: N:\CRF4\09012004\J828828.raw

1 <110> APPLICANT: Donoho, Gregroy  
 2       Hilbun, Erin  
 3       Turner, Alex  
 4       Friedrich, Glenn  
 5       Zambrowicz, Brian  
 6       Sands, Arthur T.  
 7 <120> TITLE OF INVENTION: Novel Human Kinase Protein and  
 8       Polynucleotides Encoding the Same  
 9 <130> FILE REFERENCE: LEX-0119-USA  
 10 <140> CURRENT APPLICATION NUMBER: US/10/828,828  
 11 <141> CURRENT FILING DATE: 2004-04-21  
 12 <150> PRIOR APPLICATION NUMBER: US/09/765,068  
 13 <151> PRIOR FILING DATE: 2001-01-18  
 14 <150> PRIOR APPLICATION NUMBER: US 60/176,690  
 15 <151> PRIOR FILING DATE: 2000-01-18  
 16 <160> NUMBER OF SEQ ID NOS: 3  
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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 20 <211> LENGTH: 1269  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Homo sapiens  
 23 <400> SEQUENCE: 1  
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 26       ggacccaact tcagggttgg caagaagata ggtatggga acttcggaga gtcagatta 180  
 27       ggtaaaaatc tctacaccaa tgaatatgtt gcaatcaaac tggaaaccaat aaaatc 240  
 28       gctccacagc ttcattttaga gtacagattt tataaacagc ttggcagtgc aggtgaagg 300  
 29       ctccccacagg tgattactt tgaccatgt gggaaatata atgccatggc gctggagctc 360  
 30       cttggcccta gcttggagga cttgttgc acatgtgacc gaacatttac tttgaagacg 420  
 31       gtgttaatgtt tagccatcca gctgcttct cgaatggaa acgtgcactc aaagaacctc 480  
 32       atttaccgag atgtcaagcc agagaacttc ctgattggtc gacaaggcaa taagaaagag 540  
 33       catgttatac acattataga ctttgactg gccaaggaat acattgaccc cggaaacccaa 600  
 34       aaacacatac cttatagggaa acacaaaagt ttaactggaa ctgcaagata tatgtctatc 660  
 35       aacacgcac ttggcaaaga gcaaagccgg agagatgatt tggaaaggccct aggccatatg 720  
 36       ttcatgtatt tccttcgagg cagcctcccc tggcaaggac tcaaggctga cacattaaaa 780  
 37       gagagatatac aaaaaattgg tgacaccaaa aggaataactc ccattgaagc tctctgtgag 840  
 38       aactttccag aggagatggc aacctacatt cgatatgtca ggcgaactgga cttctttgaa 900  
 39       aaacctgtatt atgagtattt acggaccctc ttccacagacc tctttgaaaa gaaaggctac 960  
 40       acctttgact atgcctatga ttgggtggg agaccttattc ctactccagt aqggtcagg 1020  
 41       cacgtagatt ctggtgcatc tgcaataact cgagaaagcc acacacatag ggatcgccca 1080  
 42       tcacaacagc agcctcttcg aaatcaggtt gttagctcaa ccaatggaga gctgaatgtt 1140  
 43       gatgatccca cgggagccca ctccaatgca ccaatcacag ctcatggca ggtggaggtt 1200  
 44       gtggaggaag ctaagtgtt ctgtttttt aagaggaaaa ggaagaagac tgctcagcgc 1260

ENTERED

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45 cacaagtga 1269  
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 48 <211> LENGTH: 422  
 49 <212> TYPE: PRT  
 50 <213> ORGANISM: Homo sapiens  
 51 <400> SEQUENCE: 2  
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 54 Pro Met Ala Gln Arg Ser Ala His Cys Ser Arg Pro Ser Gly Ser Ser  
 55 20 25 30  
 56 Ser Ser Ser Gly Val Leu Met Val Gly Pro Asn Phe Arg Val Gly Lys  
 57 35 40 45  
 58 Lys Ile Gly Cys Gly Asn Phe Gly Glu Leu Arg Leu Gly Lys Asn Leu  
 59 50 55 60  
 60 Tyr Thr Asn Glu Tyr Val Ala Ile Lys Leu Glu Pro Ile Lys Ser Arg  
 61 65 70 75 80  
 62 Ala Pro Gln Leu His Leu Glu Tyr Arg Phe Tyr Lys Gln Leu Gly Ser  
 63 85 90 95  
 64 Ala Gly Glu Gly Leu Pro Gln Val Tyr Tyr Phe Gly Pro Cys Gly Lys  
 65 100 105 110  
 66 Tyr Asn Ala Met Val Leu Glu Leu Leu Gly Pro Ser Leu Glu Asp Leu  
 67 115 120 125  
 68 Phe Asp Leu Cys Asp Arg Thr Phe Thr Leu Lys Thr Val Leu Met Ile  
 69 130 135 140  
 70 Ala Ile Gln Leu Leu Ser Arg Met Glu Tyr Val His Ser Lys Asn Leu  
 71 145 150 155 160  
 72 Ile Tyr Arg Asp Val Lys Pro Glu Asn Phe Leu Ile Gly Arg Gln Gly  
 73 165 170 175  
 74 Asn Lys Lys Glu His Val Ile His Ile Ile Asp Phe Gly Leu Ala Lys  
 75 180 185 190  
 76 Glu Tyr Ile Asp Pro Glu Thr Lys Lys His Ile Pro Tyr Arg Glu His  
 77 195 200 205  
 78 Lys Ser Leu Thr Gly Thr Ala Arg Tyr Met Ser Ile Asn Thr His Leu  
 79 210 215 220  
 80 Gly Lys Glu Gln Ser Arg Arg Asp Asp Leu Glu Ala Leu Gly His Met  
 81 225 230 235 240  
 82 Phe Met Tyr Phe Leu Arg Gly Ser Leu Pro Trp Gln Gly Leu Lys Ala  
 83 245 250 255  
 84 Asp Thr Leu Lys Glu Arg Tyr Gln Lys Ile Gly Asp Thr Lys Arg Asn  
 85 260 265 270  
 86 Thr Pro Ile Glu Ala Leu Cys Glu Asn Phe Pro Glu Glu Met Ala Thr  
 87 275 280 285  
 88 Tyr Leu Arg Tyr Val Arg Arg Leu Asp Phe Phe Glu Lys Pro Asp Tyr  
 89 290 295 300  
 90 Glu Tyr Leu Arg Thr Leu Phe Thr Asp Leu Phe Glu Lys Lys Gly Tyr  
 91 305 310 315 320  
 92 Thr Phe Asp Tyr Ala Tyr Asp Trp Val Gly Arg Pro Ile Pro Thr Pro  
 93 325 330 335  
 94 Val Gly Ser Val His Val Asp Ser Gly Ala Ser Ala Ile Thr Arg Glu

## RAW SEQUENCE LISTING

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97	355	360	365	
98	Gln Val Val Ser Ser Thr Asn Gly Glu Leu Asn Val Asp Asp Pro Thr			
99	370	375	380	
100	Gly Ala His Ser Asn Ala Pro Ile Thr Ala His Ala Glu Val Glu Val			
101	385	390	395	400
102	Val Glu Glu Ala Lys Cys Cys Cys Phe Phe Lys Arg Lys Arg Lys Lys			
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104	Thr Ala Gln Arg His Lys			
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108	<211> LENGTH: 1968			
109	<212> TYPE: DNA			
110	<213> ORGANISM: Homo sapiens			
111	<400> SEQUENCE: 3			
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114	ctgctctcgaa ccattctggct cctcatcgcc ctctggggtt cttatgggtt gacccaaactt	180		
115	cagggttggc aagaagatag gatgtggaa cttcggagag ctcagattag gtaaaaatct	240		
116	ctacaccaat gaatatgttag caatcaaact ggaaccaata aaatcacgtt ctccacagct	300		
117	tcatttttagag tacagatttt ataaacagct tggcagtgc ggtgaaggcc tcccacaggt	360		
118	gtattacttt ggaccatgtg ggaaatataa tgccatgggtt ctggagctcc ttggcccttag	420		
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123	ttataggaa cacaaaagtt taactggaaac tgcagatata atgtctatca acacgcattt	720		
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125	ccttcgaggc agcctccct ggcaaggact caaggctgac acattaaaag agagatata	840		
126	aaaaatttgtt gacaccaaaa ggaataactcc cattgaagct ctctgtgaga actttccaga	900		
127	ggagatggca acctaccttc gatatgtcag gcgactggac ttctttgaaa aacctgatta	960		
128	tgagtatttta cggacccttc tcacagaccc ttgtaaaag aaaggctaca ctttgacta	1020		
129	tgcctatgtat tgggttggga gacctattcc tactccagta gggtcagttc acgttagattc	1080		
130	tggtgcatct gcaataactc gagaaagcca cacacatagg gatcggccat cacaacagca	1140		
131	gcctttcgaa aatcagggtgg ttagctcaac caatggagag ctgaatgtt atgatcccac	1200		
132	gggagccac tccaaatgcac caatcacagc tcatgccag gtggaggtt tgaggaaagc	1260		
133	taagtgcgtc tgtttcttta agagaaaaag gaagaagact gtcagcgcc acaagtgacc	1320		
134	agtgcctccc aggagtccctc aggccctggg gactctgact caattgttacc tgagctcct	1380		
135	gccattttctc attggaaaggg actccttctt gggggagggt ggatatccaa accaaaaaga	1440		
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143	gcagcatca tcccagctgg cccttggagt tcaggttccct tcttccctcc ctctgtgaa	1920		
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**VERIFICATION SUMMARY**

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